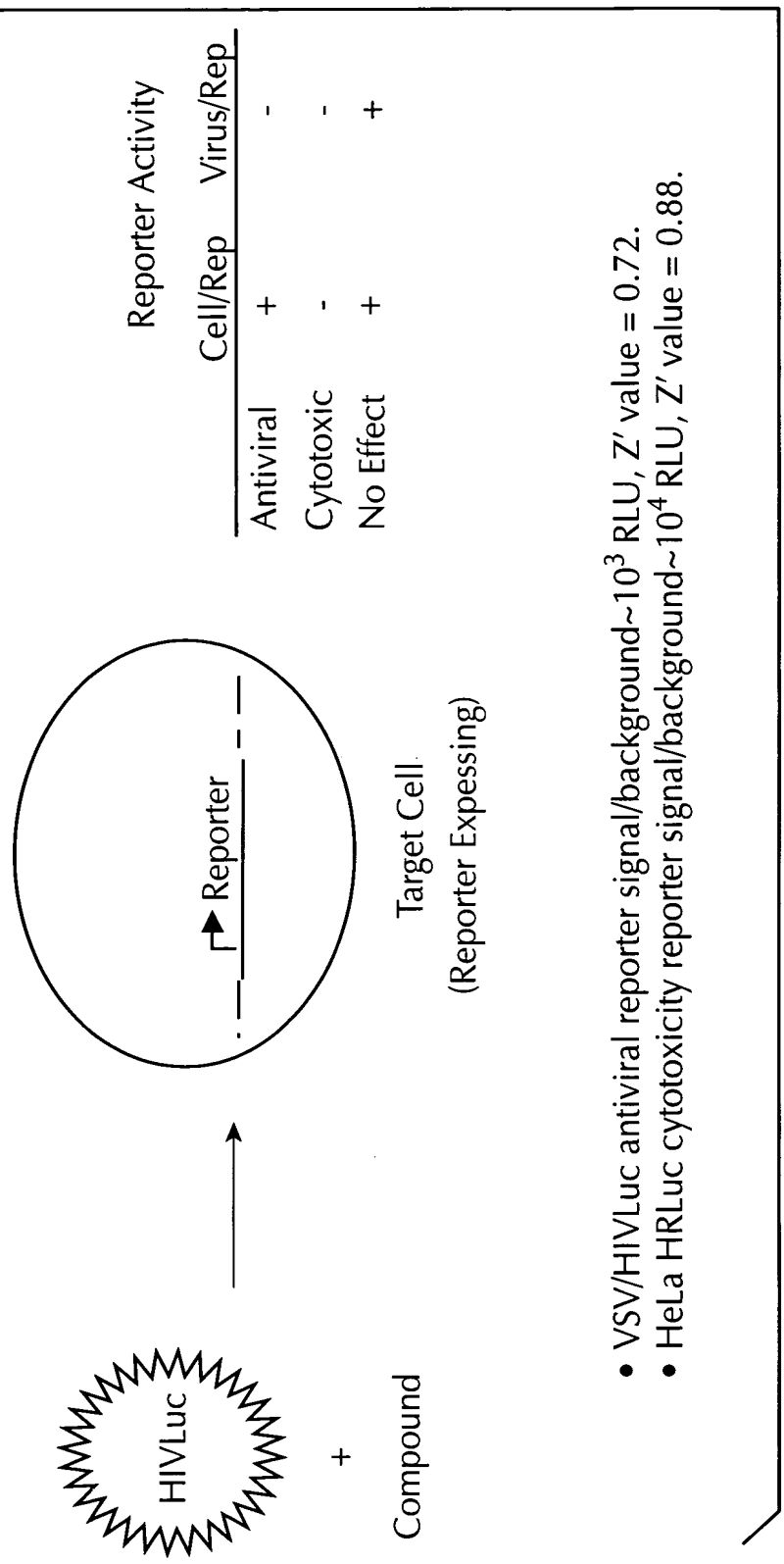
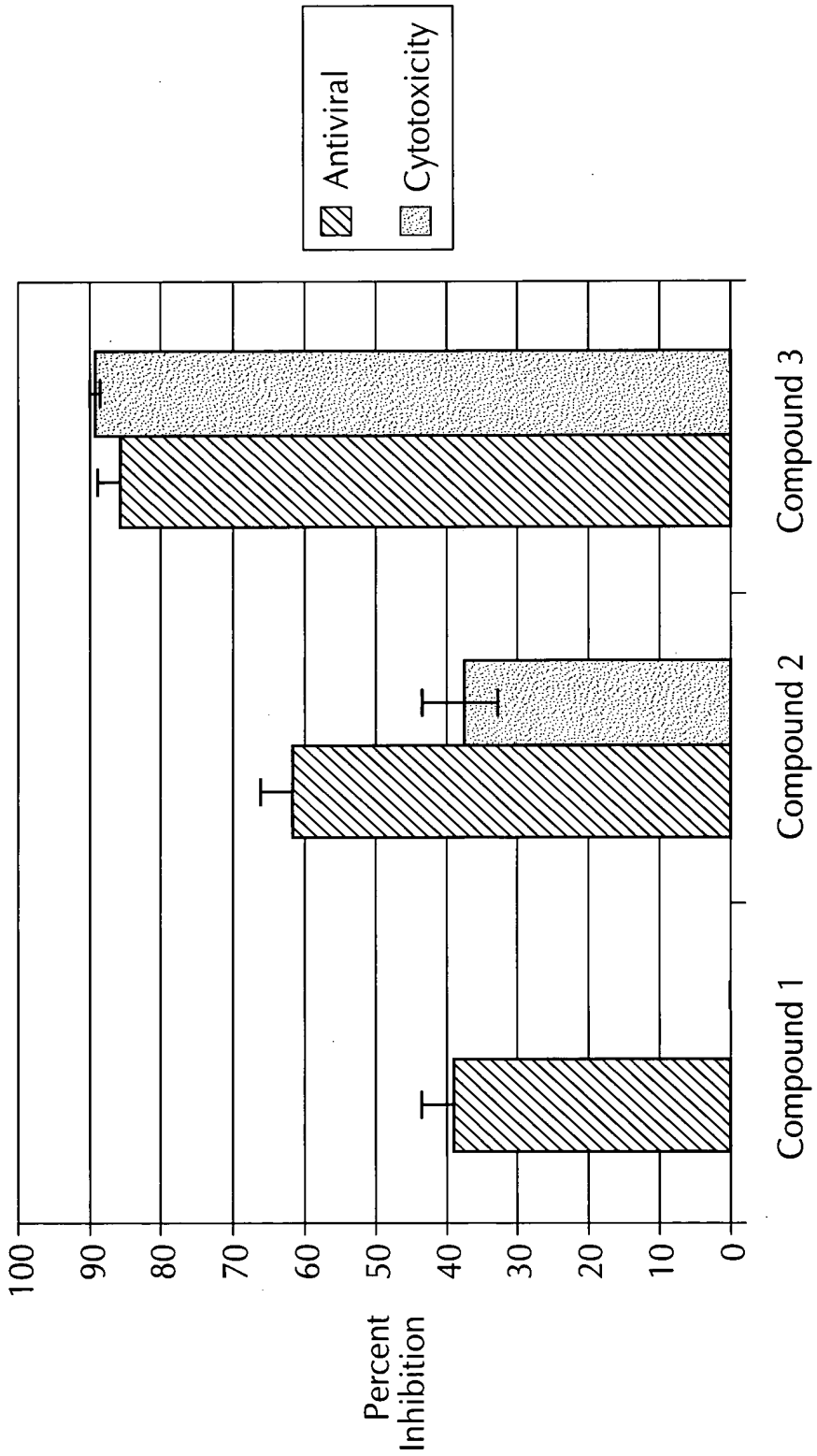


FIG. 1



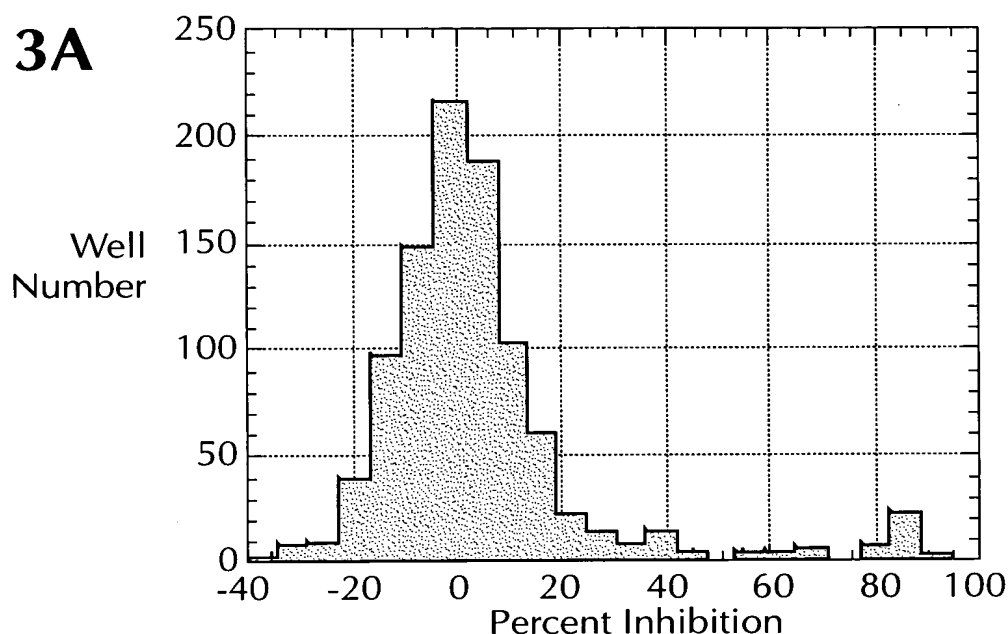
- VSV/HIVLuc antiviral reporter signal/background~10<sup>3</sup> RLU, Z' value = 0.72.
- HeLa HRLuc cytotoxicity reporter signal/background~10<sup>4</sup> RLU, Z' value = 0.88.

FIG. 2



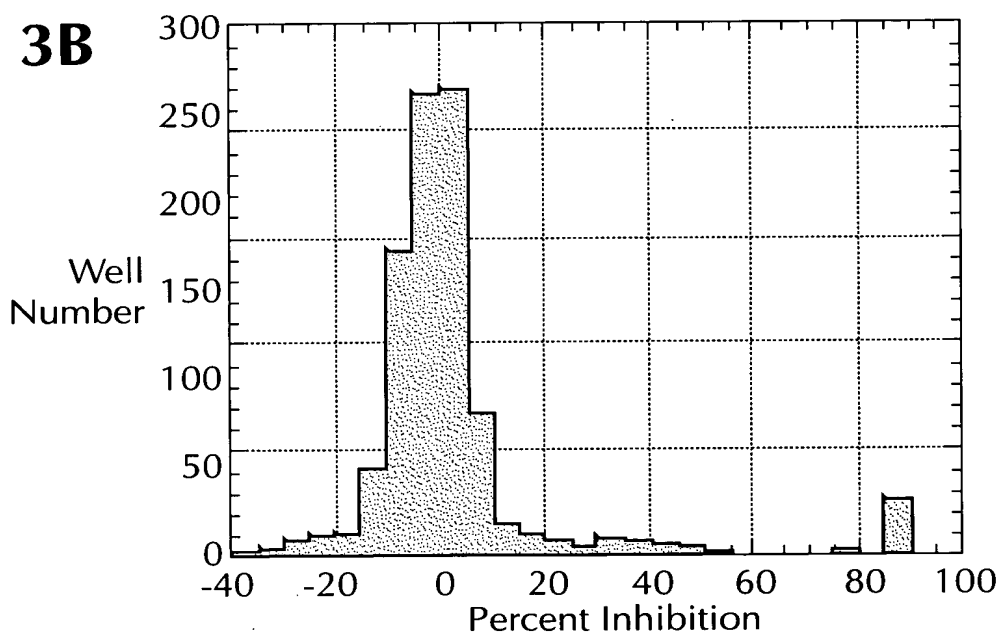
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**FIG. 3A**



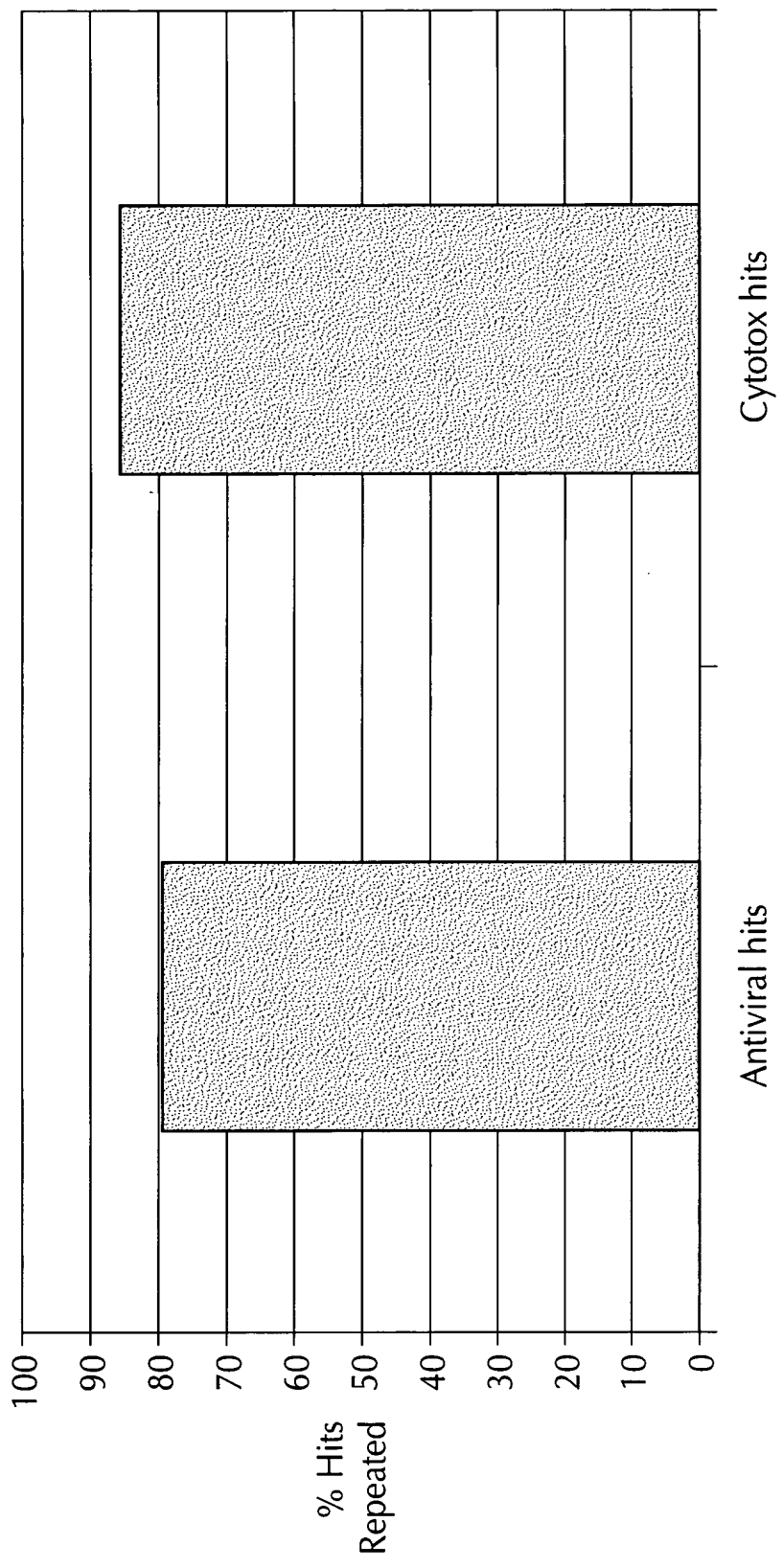
- Ten mock plates containing wells with known inhibitors screened (880 wells)
- Known inhibitors reproducibly identified as hits
- Expected distribution of well activity observed

**FIG. 3B**



Ten mock plates containing wells with known inhibitors screened (880 wells)  
Known inhibitors reproducibly identified as hits  
Expected distribution of well activity observed

FIG. 4



- 1936 wells screened
- Hit identification highly reproducible

FIG. 5

ATGACCTCCAAAGGTGTACGACCCCGAGCGCAAGCGCATGATTACCGGCCCCCAGTGGTGGGCCCCGCTGC  
ATGACTTCGAAAGTTTATGATCCAGAACAAAGGAAACGGATGATAACTGGTCCGAGTGGTGGGCCCAGATGT  
AAGCAGATGAACCGTGTGGACAGCTTTCATCAACTACTACGACAGCGGAGAAAGCACGCCGAGAAACGCCGTGATC  
AAACAAATGAATGTTCTTGATTCATTTATTAATTATGATTCAGAAAAACATGCAGAAAAATGCTGTTATT  
TTTCTTGCAACGGCAACGCCCGCTCTTCTTATTTATGGCGACATGTTGTGCCACATATTCACATCGAGCCCTGTGGCCCCG  
TTTTTACATGGTAACGGCGCTCTTCTTATTTATGGCGACATGTTGTGCCACATATTCAGCAATATTCAGCCAGTAGCGCGG  
TGCATCATCCCTGACCTGATCGGCATGGGCAAGAGCGGGCAAGAGCGGGCAAGAGCGGCTGCTGAGAC  
TGATATTATACAGACCTTATTGGTATGGGCAATTCAGGCAATCTGGTAATGGTCTTATAGGTTACTTGAT  
CACTACAAATATCTTACTGCTGCTGGTTCGAGCTGCTGAACTTCCCTGCCCCAAGAAATCATCTTCTGTTGGCCCCACGAC  
CATTACAAATATCTTACTGCTGCTGGTTCGAGCTGCTGAACTTCCCTGCCCCAAGAAATCATCTTCTGTTGGCCCCACGAC  
TGGGGCGCTGCTGCTGGCTTCCACTACAGCTACGAGCAACGAGCAAGATCAAGGCCATCGTGCACGCCGAG  
TGGGGTCTGTTGGCATTTTCATTAAGCTATGAGCATCAAGATAAGATCAAGCAATAGTTCACGCTGAA  
AGCGTGGTGGACGTGATCGAGAGCTGGGACGAGTGGCTTGACATCGAGGAGGACATCGCCCTGATCAAGAGC  
AGTGTAGTAGATGTGATTGAATCATGGGATGAATGGCTGATATTGAAGAAATATTGCGTTGATCAAAATCT  
GAGGAGGGCGAGAGATGGTGCTGGAGAAACAACTTCTCGTGGAGACCATGCTGCCCTAGCAAGATCATGCC  
GAAGAGGAGAAAAAYGGTTTGGAGAAATAACTTCTCGTGGAAACCATGTTGCCATCAAAAAATCATGAGA  
AAGCTGGAGCTGAGGAGTTCGCCCGCTACCTGGAGCCCCCTTCAAGGAGAAAGGCGAGGTGCGCCGCCCTACC  
AAGTTAGAACCCAGAAAGATTTCCAGCATATCTTGAACCATTCAAAGAGAAAGGTGAAGTTCGTCTGCCAACA  
CTGAGCTGGCCCTCGGAGATCCCCTCTGGTGAAAGGGCGGCAAGCCCTGACGTGGTGCAGATCGTGGCCTAAC  
TTATCATGGCCCTCGTGAAATCCCCTTAGTAAAGGTGGTAAACCTGACGTTGTACAAAATGTTAGGAATTAT  
AACGCCCTACCTGCGCGCCAGCGACGACCTGCCCAAAGATGTTTCATCGAGAGCGACCCCTGGCTTCTTCAGCAAC  
AATGCTTATCTACGTGCAAGTGATGATTTACCAAAAATGTTTATTGAATCGGACCCAGGATCTTTTCCAAT  
GCCATCGTGGAGGGCGCCAAAGATTCCTTAACACCGAGTTCGTGAAGGTGAAGGGCTGCACTTCAGCCAG  
GCTATTGTTGAAGGTGCCAAGAAAGTTTCCCTAATACCTGAATTTGTCAAAAGTAAAGGTCTTCATTTTCGCA  
GAGGACGCCCTGACCGAGATGGGCAAGTACATCAAGAGCTTTCGTGGAGCGCTGCTGAAGAAACGAGCAGTAA  
GAAGATGCACCTGATGAAATGGGAAAATATATCAAACTCGTTGAGCGAGTTCTCAAAAAATGAACAATAA

Top strand is HRLUC  
Bottom strand is wild-type *Renilla* luciferase